



ENERGY CUBE

THE SILENT GENERATOR



819.2V

Nominal Voltage

63kW / 107kWh
105kW / 215kWh

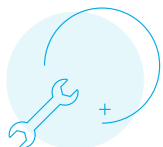
Capacity

131Ah
262Ah

Rated Capacity

FEATURES

- + EMS, PCS & STS
- + 10 Year Warranty (Ts & Cs Apply)
- + <20ms Transfer Time
- + Off-Grid, On-Grid & Solar Ready
- + Blade LFP Cells (Safest In The Industry)
- + Forkliftable, Easy Rigging Eye Bolts
- + IP54 Certified
- + Intrusion Alarm
- + Grid Connection Certified (NRS)
- + Fire Suppression & Alarm System
- + Intelligent Operation & Maintenance
- + Integrated Industrial Air Conditioning System



EASY INSTALLATION +
ON-SITE COMMISSIONING



REMOTE MONITORING +
TECHNICAL SUPPORT



SERVICE LEVEL
AGREEMENT (OPTIONAL)



INTELLIGENT
FIRE SUPPRESSION
SYSTEM

TECHNICAL DATA

PV PARAMETERS	63kW/107kWh CUBE	105kW/215kWh CUBE
Max PV Power	50kW	100kW
MPPT QTY	1	2
Max PV Current	100A	200A (100A+100A)
Max PV VoC	650V	
MPPT Operating Power	250V - 650V	
DC PARAMETERS	63kW/107kWh CUBE	105kW/215kWh CUBE
Battery Cell Capacity	131Ah	262Ah
Material	LFP Prismatic	
Cycle Life	8000 Cycles @ 0.5C, 95% DOD, 70% SOH	
Battery Pack Configuration	2 X 16S X 16S	
DC Working Voltage Range	768V-869V	
Rated Voltage	819.2V	
Rated Energy	107kWh	215kWh
Charging & Discharge Rate	0.5C	
AC PARAMETERS	63kW/107kWh CUBE	105kW/215kWh CUBE
Rated Output Power	63kW	105kW
Max. Output Power	63kW	105kW
Max AC Charge Power	50kW	100kW
Rated On-Grid Voltage	400VAC (±15%)	
Output Voltage Frequency	50Hz/60Hz±2.5Hz	
Grid Connection	3P4w+PE	
SYSTEM PARAMETERS	63kW/107kWh CUBE	105kW/215kWh CUBE
Size (W*D*H)	1850mm*1250mm*2280mm	
Net Weight	About 2,8T	About 3,5T
Protection Grade	IP54	
Anticorrosion Grade	C4 High Protection	
Working Temperature	-20°C ~ +55°C	
Working Humidity	0~95% No Condensation	
Working Altitude	<3000m	
Cooling Method	Industrial Grade Air Conditioner	
Noise Emission	Standby <50 (dB), Operating <70 (dB)	
COMMUNICATION PARAMETERS	63kW/107kWh CUBE	105kW/215kWh CUBE
Communication Port	Ethernet/GSM 4G	
Communication Protocol	Modbus/CAN	

CERTIFICATION

UN 38.3, NRS 097-2-1:2017 EDITION 2.1, IEC 60870-104, IEC 61850, EN 62477-1:2012+A1:2017, EN 62477-1:2012+A12:2021, EN 50549-1:2019+AC:2019-04, EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019, IEC 61000-6-2:2016, IEC 61000-6-4:2018

- + Silent
- + Outdoor all-in-one Solution
- + Off-grid, On-grid & Solar Ready
- + Blade LFP Cells (Safest In The Industry)
- + 10 Year Warranty



* Due to continuous product improvements specifications are subject to change without prior notice.
 ** For full power MPPT voltage should be above 500VoC